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RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/189,144

DATE: 11/18/1998  
TIME: 17:09:37

Input Set: I189144.RAW

This Raw Listing contains the General Information  
Section and up to first 5 pages.

see p5  
new format

ENTERED

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2  <120> TITLE OF INVENTION: 32 Human Secreted Proteins
3  <130> FILE REFERENCE: PZ006P1
4  <140> CURRENT APPLICATION NUMBER: US/09/189,144
5  <141> CURRENT FILING DATE: 1998-11-10
6  <150> EARLIER APPLICATION NUMBER: PCT/US98/10868
7  <151> EARLIER FILING DATE: May 28, 1998
8  <150> EARLIER APPLICATION NUMBER: 60/044,039
9  <151> EARLIER FILING DATE: May 30, 1997
10 <150> EARLIER APPLICATION NUMBER: 60/048,093
11 <151> EARLIER FILING DATE: May 30, 1997
12 <150> EARLIER APPLICATION NUMBER: 60/048,190
13 <151> EARLIER FILING DATE: May 30, 1997
14 <150> EARLIER APPLICATION NUMBER: 60/050,935
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16 <150> EARLIER APPLICATION NUMBER: 60/048,101
17 <151> EARLIER FILING DATE: May 30, 1997
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19 <151> EARLIER FILING DATE: May 30, 1997
20 <150> EARLIER APPLICATION NUMBER: 60/056,250
21 <151> EARLIER FILING DATE: August 29, 1997
22 <150> EARLIER APPLICATION NUMBER: 60/056,296
23 <151> EARLIER FILING DATE: August 29, 1997
24 <150> EARLIER APPLICATION NUMBER: 60/056,293
25 <151> EARLIER FILING DATE: August 29, 1997
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37      aggagcagta caacagcacg tacctgtgtg tcagcgtcct caccgtcctg caccaggact      300
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40      catcccgga tgagctgacc aagaaccagg tcagcctgac ctgcctgggc aaaggcttct      480
41      atccaagcga catcgccgtg gagtgggaga gcaatgggca gccggagaac aactacaaga      540
42      ccacgcctcc cgtgctggac tccgacggct ccttcttct ctacagcaag ctcaccgtgg      600
43      acaagagcag gtggcagcag gggaacgtct tctcatgtc cgtgatgcat gaggctctgc      660
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77 gccctaact ccgcccagtt ccgcccattc tccgccccat ggctgactaa ttttttttat 180  
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**RAW SEQUENCE LISTING**  
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112      cagttccgcc cattctccgc cccatggctg actaattttt tttatttatg cagaggccga      180
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# RAW SEQUENCE LISTING PATENT APPLICATION US/09/189,144

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 150           attaaaaacc tcaataaaga tgccctgccc acaaaaaaaaa aaaaaaaaaa aattcggggg       1140  
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 159           agtgaagaag atcaggctgc tgagcttcgt gcttatctga aatctaaagg agctgagatt       180  
 160           tcagaagaga actcgggaagg tggacttcat gttgatttag ctcaaattat tgaagcctgt       240  
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 172           catgaacaga atatggcaaa aatgagacta cttactttta tgggaatggc agtagaaaaat       960  
 173           aaggaaaattt cttttgacac aatgcagcaa gaacttcaga ttggagctga tgatgttgaa       1020  
 174           gcatttgtta ttgacgccgt aagaactaaa atggtctact gcaaaattga tcagaccag       1080  
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 176           ctgtatgaca cacttaatgc ctggaaacaa aatctgaaca aagtgaaaaa cagccttttg       1200  
 177           agtctttctg atacctgagt ttttatgctt ataatttttg ttctttgaaa aaaaagccct       1260  
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W--> 202 cattgcctgg ganāagtct gtcaacaaag tgacatgtct agtctgccgg aagggtgaca 180
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204 gtcccaagat ggaggctgtc ccagaaggag attggttctg tactgtctgt ttggtcagc 300
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206 gtggttattc gctgaacttc tcagagggtg atggcgccg acgcgggta ctgttgaggg 420
207 gccgagaaaag ccagcagca gggcctcgg actcggaaga agggctctcc ccctccaagc 480
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**Please Note:**

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.



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364	W "N" or "Xaa" used: Feature required	tgccctgcaa agggcagtna accacaaaaa aaaaaaaa
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397	W "N" or "Xaa" used: Feature required	gaagaacaca cattactatg acaagcgctg gtccctgtg
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1546	W "N" or "Xaa" used: Feature required	Met Thr Ser Ala Gly Pro Val Xaa Leu Phe L
1548	W "N" or "Xaa" used: Feature required	Thr Ser Val Ile Leu Met Gln His Leu Leu X
1556	W "N" or "Xaa" used: Feature required	Ala Val Gly Xaa Xaa Xaa Val Ala Ile Pro S
1558	W "N" or "Xaa" used: Feature required	Arg Phe Xaa Phe Phe Ser Lys Pro Leu A
1568	W "N" or "Xaa" used: Feature required	Arg Phe Ser Xaa
1609	W "N" or "Xaa" used: Feature required	Gln Val Ala Val Pro Phe Gln Trp Gln Trp L
1617	W "N" or "Xaa" used: Feature required	Leu Ser Lys Val Asn Lys Thr Ala Ser Gly A

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Line	Error/Warning	Original Text
1632	W "N" or "Xaa" used: Feature required	Val Xaa
1644	W "N" or "Xaa" used: Feature required	Arg Lys Leu Gln Thr Cys Leu Xaa
1659	W "N" or "Xaa" used: Feature required	Gly Ile Trp Cys Leu Leu Leu Pro Glu Gln G
1684	W "N" or "Xaa" used: Feature required	Pro Xaa
1700	W "N" or "Xaa" used: Feature required	Asn Ser Pro Leu Pro Phe Val His Leu Xaa V
1721	W "N" or "Xaa" used: Feature required	Ala Tyr Xaa Ser Ser Leu Thr Trp Cys Trp T
1723	W "N" or "Xaa" used: Feature required	Xaa Pro Ala Gly Pro Pro Arg Cys Thr Pro G
1729	W "N" or "Xaa" used: Feature required	Xaa
1776	W "N" or "Xaa" used: Feature required	Leu Xaa
1789	W "N" or "Xaa" used: Feature required	Ser Thr Asp Thr Gly Ser Ser Ala Pro Gly P
1832	W "N" or "Xaa" used: Feature required	Pro Gly Pro Xaa
1893	W "N" or "Xaa" used: Feature required	Ser Leu Phe Ser Ala Ala Arg Phe Leu Phe X
1914	W "N" or "Xaa" used: Feature required	Leu Pro Ser Cys Glu Cys Cys Cys Arg Ala A
1916	W "N" or "Xaa" used: Feature required	Xaa Ser Pro Pro Trp Arg Pro Trp Pro Glu G
1953	W "N" or "Xaa" used: Feature required	Thr Lys Val Arg Lys Lys Asn Xaa
2014	W "N" or "Xaa" used: Feature required	Arg Asp Arg Asp Glu Leu Xaa
2040	W "N" or "Xaa" used: Feature required	Val Xaa
2056	W "N" or "Xaa" used: Feature required	Val Pro Pro Leu Ala Ala Xaa Pro Leu Cys S
2085	W "N" or "Xaa" used: Feature required	Xaa Leu Cys Val Val Gly Gly Pro Trp Xaa
2117	W "N" or "Xaa" used: Feature required	Xaa
2131	W "N" or "Xaa" used: Feature required	Met Leu Asn Pro Phe Xaa Gln Leu Leu Leu V
2133	W "N" or "Xaa" used: Feature required	Trp Pro Thr Pro Leu His Xaa
2158	W "N" or "Xaa" used: Feature required	Ser Xaa Thr Leu Xaa Glu Glu Asp Ile Thr G
2164	W "N" or "Xaa" used: Feature required	Phe Thr Phe Met Arg Glu Asp Arg Cys Ile G
2168	W "N" or "Xaa" used: Feature required	His Ser His Pro His Xaa Pro Pro Pro Pro T
2213	W "N" or "Xaa" used: Feature required	Asp Ile Arg Xaa Val Ala Ile Glu Phe Asp G
2217	W "N" or "Xaa" used: Feature required	Gly Tyr Ile Phe Leu Ser Thr Arg Glu Xaa A
2219	W "N" or "Xaa" used: Feature required	Asp Glu Asp Leu Phe Leu Gln Leu Thr Gly G
2248	W "N" or "Xaa" used: Feature required	Arg Arg Ala Ala Gln Glu Val Ser Leu Gln L
2250	W "N" or "Xaa" used: Feature required	Cys Arg Gln Xaa Thr Ser Arg Ala Phe Ser L
2256	W "N" or "Xaa" used: Feature required	Leu Xaa
2269	W "N" or "Xaa" used: Feature required	Ala Cys Ile Cys Phe Cys Xaa
2286	W "N" or "Xaa" used: Feature required	Pro Ser Pro Trp Xaa Arg Arg Ile Ser Gln G
2632	W "N" or "Xaa" used: Feature required	Asn Xaa Xaa Leu Arg Lys Thr Ser Leu Phe A
2636	W "N" or "Xaa" used: Feature required	Leu Thr Leu Arg Glu Thr Trp Lys Gln His X
2646	W "N" or "Xaa" used: Feature required	Cys Xaa Thr Leu Pro Ala Gly Val His Gln H
2690	W "N" or "Xaa" used: Feature required	Leu Asn Xaa Xaa Leu Arg Lys Thr Ser Leu P
2703	W "N" or "Xaa" used: Feature required	Asp Tyr Leu Leu Thr Leu Arg Glu Thr Trp L
2727	W "N" or "Xaa" used: Feature required	Tyr Asp Lys Arg Trp Ser Cys Xaa Thr Leu P
2747	W "N" or "Xaa" used: Feature required	Leu Val Leu Gly Leu Ser Xaa Leu Asn Asn S
2895	W "N" or "Xaa" used: Feature required	Ser Pro Phe Ile Cys Tyr Tyr Xaa Asp Lys T
2897	W "N" or "Xaa" used: Feature required	Glu Lys Arg Leu Lys Gln Lys Ile Lys Val X
3129	W "N" or "Xaa" used: Feature required	Val Ala Leu Pro Ala Leu Gly Pro Trp Arg X
3176	W "N" or "Xaa" used: Feature required	Xaa Phe Ser Phe Pro Phe Leu Tyr Leu
3195	W "N" or "Xaa" used: Feature required	His Leu Cys Pro Gly His Xaa Ser Leu Ser G
3214	W "N" or "Xaa" used: Feature required	Leu Ser Val Ser Gln Arg Tyr Arg Lys Gly L
3226	W "N" or "Xaa" used: Feature required	Gly Lys Xaa Val Leu Gly Arg Gly Gly Ser L
3241	W "N" or "Xaa" used: Feature required	Ala Leu Val Lys Gly Thr Gly Arg Glu Lys A
3253	W "N" or "Xaa" used: Feature required	Xaa Val Ser Trp Ala Glu Val Ala Ala Lys P
3302	W "N" or "Xaa" used: Feature required	Pro Leu Leu Gly Val His His Thr Ser Arg G

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Line	? Error/Warning	Original Text
3434	W "N" or "Xaa" used: Feature required	Thr Gly Phe His Leu Ile Thr Xaa Ile Trp L
3460	W "N" or "Xaa" used: Feature required	Gly Phe His Leu Ile Thr Xaa Ile Trp Lys H
3584	W "N" or "Xaa" used: Feature required	Pro Arg His Thr Cys Ser Gly Gln Gly Leu H
3623	W "N" or "Xaa" used: Feature required	Asn Ala Ser Trp Glu Ile His Met Thr Gln A
3625	W "N" or "Xaa" used: Feature required	Leu Ala Arg Ala Ser Met Xaa Val Xaa Xaa X
3715	W "N" or "Xaa" used: Feature required	Ser Xaa Pro Leu Arg Leu Ala Asp Pro Ser T
3807	W "N" or "Xaa" used: Feature required	Gly Ala Gln Arg Xaa Cys Gly Gln Gly Arg H
3809	W "N" or "Xaa" used: Feature required	Xaa Gly Ala Gln Asp Thr Ser Arg Leu Thr G
3815	W "N" or "Xaa" used: Feature required	Val Trp Pro Glu Ser Arg Lys Arg Ala Gln I
3878	W "N" or "Xaa" used: Feature required	Ile Ala Gln Val Leu Lys Ala Glu Met Cys L
3880	W "N" or "Xaa" used: Feature required	Pro Xaa Leu Leu Asp Ser His Arg Gly Trp A
3882	W "N" or "Xaa" used: Feature required	Gly Gln Gly Arg Gln Glu Xaa Glu Ser Asp T
3897	W "N" or "Xaa" used: Feature required	Arg Gly Trp Ala Gly Glu Thr Leu Arg Gly G
4131	W "N" or "Xaa" used: Feature required	Gln Arg Pro Ala Pro Trp Gly Xaa Ala Pro H
4146	W "N" or "Xaa" used: Feature required	Asp Gln His His Gly Gly Xaa Leu His Met G
4181	W "N" or "Xaa" used: Feature required	Thr Cys Gly Gly Trp Cys Thr Gly Val Gly G
4185	W "N" or "Xaa" used: Feature required	Val Phe Arg Xaa Arg Ile Phe Phe Trp Met H
4191	W "N" or "Xaa" used: Feature required	Thr Met Ala Phe Thr Tyr Gln Val Pro Val I
4193	W "N" or "Xaa" used: Feature required	Val Lys Asp Arg Ala Ala Ala Xaa Pro Ser V
4218	W "N" or "Xaa" used: Feature required	Leu Ala Val Gly Glu Gly Gly Gly Gly Xaa G
4220	W "N" or "Xaa" used: Feature required	Arg Cys Ile Cys Gln Ala Pro Pro Ser Ser A